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Carmarthen Rural Sanitary Authority

FIFTY-FOURTH

ANNUAL REPORT

of the Sanitary Conditions of the
Carmarthen Rural District
for the Year 1945

By

ELFYN T. JONES,
B.Sc., M.R.C.S., L.R.C.P., D.P.H.

"Mercury," Llanelly.

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PREFACE.

To the Chairman and Members of the Carmarthen Rural District Council.

Mr. Chairman and Gentlemen,

I beg to present my Annual Report for the year ending December 31st, 1945.

It is my duty to stress once more the urgent need for the provision of an adequate water supply for the Rural District of Carmarthen. This need is of the utmost priority, and must be pursued with the greatest energy by the Members and Officials of the Council alike.

In the sixth year of war, the general standard of health in the District has remained at a surprisingly high level despite the exacting conditions of rationing, black-out and nervous tension under which we have had to live. The Public Health Staff have made every effort by their vigilance and energy to maintain this standard, particularly in preventing the spread of Infectious Diseases.

I wish to gratefully acknowledge the work carried out by my Staff and to thank the Members of the Council for the whole-hearted manner in which they have supported me.

I wish to thank my colleagues and their staffs for their continued support and help.

I am, Gentlemen,

Your obedient Servant,

ELFYN T. JONES,

Medical Officer of Health.

Medical Officer of Health:

Elfyn T. Jones, B.Sc., M.R.C.S., L.R.C.P., D.P.H.

Engineer and Surveyor:

G. G. Thomas, Esq.

Clerk to the Rural District Council:

F. Gwynne Lewis, Esq., M.B.E. (Died 22/12/45).

J. Jones, Esq. (Acting Clerk from 23/12/45).

Sanitary Inspectors:

Wm. Williams, M.S.I.A., M.R.San.I. (Meat Certificate), (Senior Sanitary Inspector).

H. E. Williams, M.S.I.A., A.R.San.I. (Meat Certificate).

R. E. Pritchard, M.S.I.A., A.R.San.I. (Meat Certificate). (Commenced duties 28/5/45).

Public Health Department Clerks:

G. Griffiths.

J. C. Jones (left for H.M. Forces, 31/8/45).

Mair Davies.

SOCIAL CONDITIONS OF THE AREA.

The Registrar-General's estimate of the mid 1945 population is 28,160.

The rateable value is £65,520, and the sum represented by a penny rate is £285.

According to the Rate books there were 7,890 inhabited houses at the end of the year.

Vital Statistics.

		Total.	M.	F.
Live	Legitimate	475	236	239
Births	Illegitimate	33	14	19

Thus there were 508 live births during the year, and this represents a birth-rate of 18.03 per 1,000 estimated resident population.

	Total.	M.	F.
Stillbirths	15	9	6

Stillbirth-rate per 1,000 total (live and still) births, 28.66.

	Total.	M.	F.
Deaths	360	169	191

Death-rate per 1,000 estimated population—12.77.

Deaths from Puerperal Causes—Nil.

Death-rate of Infants under one year of age:—

All infants per 1,000 live births	59.05
Legitimate infants per 1,000 legitimate live births	58.94
Illegitimate infants per 1,000 illegitimate live births	60.60
Deaths from Cancer (all ages)	56
Deaths from Measles (all ages)	1
Deaths from Whooping Cough (all ages)	Nil.
Deaths from Diarrhœa (under 2 years of age)	Nil.

Deaths.

The number of deaths registered in the area during the year was—302. (Males, 136; Females, 166).

These figures are altered by inward and outward transfers thus:—

	Males.	Females.	Total.
Deaths registered in the area	132	163	295
Outward Transfers	4	3	7
Inward Transfers	41	31	72
	169	191	360

Comparison with Other Areas:—

	Death-rate.
Carmarthen Rural District	13.03
England and Wales	11.4
126 County Boroughs and Great Towns (including London)	13.5
148 Smaller Towns	12.3

Cause of Death (Civilains only).	Males.	Females.	Total.	Death-rate per 1,000 population
Typhoid & Paratyphoid fevers	—	—	—	—
Cerebro-Spinal fever	—	—	—	—
Scarlet fever	—	1	1	0.03
Whooping Cough	—	—	—	—
Diphtheria	—	—	—	—
Tuberculosis (Respiratory)	6	3	9	0.49
Tuberculosis (Other forms)	2	3	5	
Syphilitic diseases	—	—	—	—
Influenza	—	—	—	—
Measles	1	—	1	0.03
Acute Poliomyelitis and Polio-encephalitis	—	—	—	—
Acute infectious Encephalitis	—	—	—	—
Cancer (all sites)	21	35	56	1.98
Diabetes	1	2	3	0.10
Intra-cranial vascular lesions	23	30	53	1.88
Heart Disease	21	38	59	2.09
Other diseases of circulatory system	5	7	12	0.42
Bronchitis	14	8	22	0.78
Pneumonia	7	5	12	0.42
Other respiratory diseases	11	2	13	0.46
Ulcer of stomach or duodenum	—	—	—	—
Diarrhoea (under 2 years)	—	—	—	—
Appendicitis	1	—	1	0.03
Other digestive diseases	2	8	10	0.35
Nephritis	8	11	19	0.67
Puerperal and post-abortive sepsis	—	—	—	—
Other maternal causes	—	—	—	—
Premature Births	4	3	7	0.63
Congenital malformations, birth injury, infantile disease	7	4	11	
Suicide	1	2	3	0.10
Road Traffic Accidents	3	—	3	0.10
Other violent causes	6	3	9	0.31
All other causes	25	26	51	1.81
Total	169	191	360	12.77

DISTRIBUTION OF DEATHS FROM TUBERCULOSIS IN THE AREA.

Parish.	No. of Deaths.
Abergwili	1
Abernant	—
Conwil-Elfed	—
Llanllawddog	—
Llanpumpsaint	—
Llanarthney	2
Llanddarog	1
Llangunnor	1
Llandefeilog	1
Llangendeirne	1
St. Ishmael	—
Llangain	—
Llangynog	1
Llanstephan	—
Newchurch	—
Laugharne Township	2
Llanddowror	—
Llanginning	—
Llanwinio	—
Myrdin	—
St. Clears	1
Trelech-ar-Bettws	1
Cilymaenllwyd	1
Henllanfallteg	—
Llandissilio-East	—
Eglwyscummin	—
Llanboidy	1
Pendine	—
Whitland	—
	(14)

Ages at Death from Cancer:

Under 5 years	—
5 to 15 years	—
15 to 25 years	—
25 to 35 years	2
35 to 45 years	1
45 to 55 years	10
55 to 65 years	15
65 years and over	28
	(56)

Parts of the Body Involved.

Organ.	No. of Cases.
Buccal cavity and œsophagus (males only)	1
Uterus	2
Stomach and duodenum	22
Breast	3
All other sites	28
	(56)

Infant Mortality Rate.

Deaths under one year ...	30
Live Births during the year ...	508
Infant Mortality rate ...	59 per 1,000 live births.

Comparison of Infant Mortality Rates:

Carmarthen Rural District	59
England and Wales	46
126 County Boroughs and Great Towns (including London)	54
148 Smaller Towns	43

Ages at which Infant Deaths occurred:

Under one week	12
1 week to 1 month	6
1 month to 3 months	5
3 months to 6 months	3
6 months to 9 months	2
9 months to 1 year	2
Total	30

Causes of Infant Deaths:

Measles	1
Convulsions	5
Tubercular peritonitis	1
Prematurity	7
Bronchitis	1
Pneumonia	4
Other causes	11
	(30)

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities.

The Emergency Public Health Laboratory Service maintains a Bacteriological and Pathological Laboratory in the Borough of Carmarthen. The facilities of both these Laboratories are available to the Public Health Department of the Rural District

Council, and also to the Hospitals and Medical Practitioners in the area. This Laboratory plays a very vital part in the maintenance of the Health of the Community, particularly with regard to early diagnosis of Infectious Diseases and the isolation of infectious disease "carriers."

Ambulance Facilities.

The Rural District has so far been entirely devoid of Ambulance facilities, except for those Parishes adjoining the area of the Anthracite Coalfields, i.e., adjacent to Pontyberem and Tumble. It is pleasing to see that the Carmarthen Borough Division of the St. John Ambulance Brigade propose instituting a Contributory Scheme for other parts of the Rural District. I sincerely hope the Public will support this voluntary organisation which has endeavoured to fill a serious gap in the Public Health Services of the Rural District. If the Public give this organisation the backing it so largely deserves, then, a day and night service will be maintained. I appeal to all Members of the Rural District Council to not only support this Scheme, but to bring it to the notice of the people they represent.

Nursing in the Homes.

This is carried out by the County Nursing Association, and is under the supervision of the Public Health Department of the County Council. There are nineteen Nursing Associations working in the Rural District. All the Associations undertake midwifery work, but only thirteen undertake health visiting and school nursing.

Infant Welfare Centres.

A number of Infant Welfare Centres are maintained by the County Council in the Carmarthen Rural District. There are very many areas which have no Infant Welfare Centres, and it is to be hoped that with the cessation of hostilities and, as medical manpower for civil purposes becomes more plentiful, an extension of the services will take place so that practically every village in the area will have it own Infant Welfare Centre.

Infectious Diseases Hospital.

The Infectious Diseases Hospital is situated at Upper Tumble, near Llanelly, and is under the direct control of the County Council. The Rural District Council pays a rate to the County Council for this Hospital, so that any person admitted receives treatment and maintenance free of cost.

SANITARY CIRCUMSTANCES OF THE AREA.

Sampling of Water Supplies.

As in former years, sampling of water supplies, particularly of those areas which are dependent upon wells, is being carried out as carefully as possible.

At present about one-third of the houses in the rural area have water laid on to their homes from the mains.

With the exception of one source, no supply has a plumbo-solvent action. The source in question is treated by filtration through Magnesite before entering the service mains, and repeated tests of water in these service mains have never shown any plumbo-solvent action.

It does appear that at long last, the provision of an adequate water supply on a Regional Basis is to materialise. The Council are aware of the great lack of an adequate water supply in the area, and have placed it as priority in the Reconstruction Programme. I would urge all Members of the Council to persue this matter with the utmost tenacity as other much needed services, e.g., sewage disposal, can not be considered until the Rural Areas are supplied with water.

SAMPLES OF WATER TAKEN DURING THE YEAR.

Date.	Source.	Type of Examination.	Result.
27/2/45	Llanstephan Eastern Supply	Bacterilogical	Excellent.
27/2/45	Llanstephan Western Supply	,,	Excellent.
10/3/45	Pump, The Grist, Laugharne	,,	Excellent.
9/4/45	Water from the Grist, Laugharne	,,	Unsatisfactory.
25/4/45	Carway Public Supply	,,	Excellent.
25/4/45	Pontyates Public Supply	,,	Excellent.
25/4/45	Pontyparchell Public Supply	,,	Unsatisfactory.
30/5/45	Hydrant, Pensarn Mains Supply	,,	Unsatisfactory.
30/5/45	Towy Bridge, Mains Supply	,,	Excellent.
13/6/45	Pump Water, Station Road, St. Clears	,,	Good.
13/6/45	Whitland Water Supply	,,	Unsatisfactory.
2[illegible]/6/45	Land Spring, Cwmfelin Boeth	,,	Unsatisfactory.
2[illegible]/6/45	Pump, St. Clears well near road	,,	Good.
25/6/45	Spring, Conwil Village Supply	,,	Unsatisfactory.
25/6/45	Spring, Cwmduad Public Supply	,,	Unsatisfactory.
26/6/45	Land Spring, Cwmforddgoch, Llansaint	,,	Unsatisfactory.
13/8/45	Pump, Station Road, St. Clears	,,	Fairly good.
13/8/45	Pump, Glasfryn St. Clears	,,	Unsatisfactory.
14/8/45	Pendine Supply (Raw Water)	,,	Satisfactory.
14/8/45	Pendine Supply (Treated water)	,,	Highly satisfactory.
22/8/45	Llanboidy Supply (The Stag)	,,	Very unsatisfactory.
22/8/45	Trevaughan Whitland Supply	,,	Unsatisfactory.
22/8/45	Hydrant, Station Road, Whitland	,,	Unsatisfactory.
23/8/45	Pendine Water Supply (Overflow)	,,	Unsatisfactory.
23/8/45	Tap, Pendine Hill	,,	Excellent.

SAMPLES OF WATER TAKEN DURING THE YEAR.

Date.	Source.	Type of Examination.	Result.
3/9/45	Standpipe, Trevaughan, Whitland	Bacteriological	Unsatisfactory.
3/9/45	Collecting Chamber, 3 Springs at Cavan Coch, Whitland	,,	Fairly Good.
3/9/45	Spring No. 1, Cavan Coch	,,	Very Unsatisfactory.
3/9/45	Spring No. 2, Cavan Coch	,,	Unsatisfactory.
3/9/45	Spring No. 3, Cavan Coch	,,	Unsatisfactory.
3/9/45	Cavan Coch, Reservior	,,	Unsatisfactory.
25/9/45	Red Roses Public Supply	,,	Unsatisfactory.
26/9/45	Pontyparchell Public Supply	,,	Excellent.
26/9/45	Meinciau Public Supply	,,	Good.
3/10/45	Llanstephan Eastern Supply	,,	Good.
3/10/45	Llanstephan Western Supply	,,	Unsatisfactory.
16/10/45	Pump, Llanfallteg Supply	,,	Excellent.
16/10/45	Deep Well, Henllan Amgoed School	,,	Good.
23/10/45	Dip Well in field, Mynyddcerrig	,,	Unsatisfactory.
23/10/45	Eiros Well, Maesybont	,,	Unsatisfactory.
29/10/45	Pump, Alma School, Mydrim	,,	Good.
29/10/45	Mains, Trelech Village	,,	Good.
13/11/45	Ffynnon Gorwel, Login	,,	Unsatisfactory.
15/11/45	Well in School yard, St. Clears	,,	Unsatisfactory.
27/11/45	Tap at roadside, Llanboidy	,,	Unsatisfactory.
13/12/45	Roadside Pump, Lower St. Clears	,,	Unsatisfactory.

WATER SUPPLY.

Mr. G. G. Thomas, the Council's Engineer, has provided details of work carried out during the year. He reports as follows:—

Whitland.

A Chlorinating Plant was installed on the above supply.

Pontyates.

Considerable time was devoted to the location and repair of leakages in the high pressure steel main, and through constant attention, the wastage of water on this metered supply was mitigated.

Carway.

A service connection was made from the above supply to the Carway Colliery Canteen.

Llanarthney and Llanddarog.

Many leakages were also located and repaired on the above supply.

General.

A large number of tappings have been carried out on all supplies, thus eliminating the use of a number of standpipes. Although consumers are encouraged to connect their properties to the Council's mains, the response, to date, does not warrant the removal of all standpipes.

Unremitting attention was given to Pumping Units and Chlorinating Plants throughout the district to maintain the efficiency and purity of the various supplies.

I may add that, due to the serious shortage of labour experienced during the year. constructional work had to be curtailed, but it is hoped that numerous extensions and improvements will be carried out during the coming year.

Housing.

Tenders were submitted to and approved by the Ministry for the erection of Dwelling Houses of Traditional Types as follows:—

Gorslas, Llanarthney	8
Abergwili	4
Carway, Llangendeirne ...	6

In addition, numerous other sites were located in various Parishes throughout the Rural District, and it is hoped that these will be approved by the Ministry early in the coming year.

Rivers and Streams.

The conditions of many rivers in the district leaves much to be desired, and the resultant flooding of certain districts, e.g., Pontyates, Whitland, at times causes a grave danger to the public health. The Council and its Officials have been aware of this for some time and have persued the matter with energy, and it appears that a Catchment Board for the whole County is to be formed to deal with this matter.

SCHOOLS.

There are 58 Schools (59 Departments) in the Rural Area. The Local Education Authority is the County Council.

Schools Closed for Infectious Diseases, 1945.

Name of School.	Infectious Disease.	Period of Closure.
Vaughan's Charity N.P.	Measles	14th May—20th May
Llanboidy Council	Measles	18th May—20th May 28th May—3rd June
Idole Council	Measles	18th June—1st July
Llanarthney N.P.	Measles	23rd July—3rd Aug.

Rodent Control Scheme.

The Rodent Control Scheme inaugurated last year has been maintained. Under the Scheme, considerable amount of good work has been carried out, and the Operators have maintained a high standard of efficiency. During the year, the Scheme has been under the control of Mr. Wm. Williams, the Senior Sanitary Inspector—his Report is as follows:—

" Work under this Scheme was continued in a satisfactory manner during the year, and the two full-time Operators employed by the Council treated 111 premises, each of which was visited on an average four times during the period under review.

In view of the extent of the area covered, visits were arranged so that the whole of the Rural District could be covered once every three months, thus enabling suitable supervisory control, and treatment where necessary, to be undertaken at premises which were known to be potential sources of recurring infestation, and at the same time treating new infestations in the districts visited.

The technique adopted in control measures was that recommended by the Ministry of Food, with Zinc Phosphide and Red Squill as the principal poisons, and Sausage Rusk as the pre-bait medium. Gassing was resorted to in certain instances."

PREVELANCE OF, AND CONTROL OVER INFECTIOUS DISEASES.

Infectious Diseases.

During the year there was an epidemic of Measles, the number of cases notified being 228, with 1 death. I suspect the general public do not appreciate the seriousness of Measles and its complications, and Medical Advice is not sought as often or early as it might be. I feel that if Medical Advice was sought earlier, then many of the complications, such as chronic bronchitis, chronic ottorrhœa, strabismus (squint), etc., would be obviated.

The number of cases of infectious diseases notified during the year was 289.

Disease.	Total Notified.	Removed to Isolation Hospital.	Deaths.
Smallpox	0	0	0
Scarlet Fever	37	22	1
Diphtheria	2	2	0
Enteric Fever (including paratyphoid)	0	0	0
Puerperal Pyrexia	0	0	0
Whooping Cough	8	0	0
Measles	228	9	1
Dysentery.....	9	9	0
Ophthalmia Neonatorium	3	0	0
Cerebro-Spinal Fever	1	1	0
Erysipelas.....	1	1	0

Analysis of the Total Number of Notified Cases under Age-Groups:—

Under 1 year	8
1—2 years	13
2—3 years	24
3—4 years	22
4—5 years	27
5—10 years	128
10—15 years	31
15—20 years	14
20—35 years	10
35—45 years	2
45—65 years	2
65 and over	0
Ages unknown	8
	(289)

Distribution of Notifiable Diseases into Parishes.

Parish.	NOTIFIABLE DISEASE.							
	Cerebro-Spinal Fever	Scarlet Fever	Diphtheria	Whooping Cough	Measles	Dysentery	Opthalmia Neonatorium	Erysipelas
Abergwili	—	2	—	4	9	—	1	—
Abernant	—	1	—	—	—	—	—	—
Conwil	—	2	—	1	2	—	—	—
Llanllawddog	—	—	—	—	10	—	—	—
Llanpumpsaint	—	2	—	—	4	—	—	—
Llarthney	—	4	1	1	112	—	—	—
Llanddarog	—	—	—	—	1	—	—	—
Llangunnor	—	2	—	2	11	—	—	—
Llandefeilog	—	2	—	—	15	—	—	—
Llangendeirne ...	—	6	—	—	20	—	2	1
St. Ishmael	—	3	—	—	16	—	—	—
Llangain	—	—	—	—	1	—	—	—
Llangynog	—	—	—	—	—	—	—	—
Llanstephan	—	—	—	—	—	—	—	—
Newchurch	—	2	—	—	8	—	—	—
Laugharne	—	1	—	—	—	—	—	—
Llanddowror	—	—	—	—	—	7	—	—
Llanginning	—	—	—	—	—	—	—	—
Llanwinio	—	—	—	—	—	—	—	—
Mydrim	—	—	—	—	—	1	—	—
St. Clears	—	2	—	—	2	—	—	—
Trelech-ar-Bettws	—	—	—	—	—	—	—	—
Cilymaenllwyd	—	—	—	—	3	—	—	—
Henllanfallteg	—	5	—	—	1	—	—	—
Llandissilio-East	1*	1	—	—	13	—	—	—
Eglwyscummin	—	—	—	—	—	—	—	—
Llanboidy	—	—	1	—	1	—	—	—
Pendine	—	—	—	—	—	1	—	—
Whitland	—	2	—	—	—	—	—	—
Total	1*	37	2	8	228	9	3	1

* Member of H.M. Forces on leave in the district.

IMMUNISATION AGAINST DIPHTHERIA.

Children Aged 5—15 years.

Number immunised during the year—33.

The estimated number of children aged 5 to 15 years in the Rural District as given by the Registrar General for Mid-Year 1945 is 4,440, of which number 3,400 have been immunised against Diphtheria, giving a percentage of 77.2.

Children under 5 years of age.

Number of children under 5 years of age immunised during the year (information supplied by the County Council)—498.

The estimated number of children under 5 years of age in the Rural District as given by the Registrar-General for Mid-Year 1945 is 1,768, of which 831 have been immunised against diphtheria, giving a percentage of 47.02.

Tuberculosis.

During the year, 42 new cases of Tuberculosis were notified.

Respiratory	...	Males—14.	Females—15.
Non-Respiratory	...	Males—5.	Females—8.

Deaths.

Respiratory	...	Males—6.	Females—3.
Non-Respiratory	...	Males—2.	Females—3.

NEW CASES OF, AND MORTALITY FROM TUBERCULOSIS, 1945.

Age Period in Years.	NEW CASES.				DEATHS.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	0	0	0	1	0	0	0	1
1—5	0	0	1	0	0	0	1	1
5—15	1	3	1	2	0	0	0	0
15—25	7	2	0	0	0	1	0	0
25—35	0	5	0	1	0	1	1	0
35—45	2	3	3	4	2	1	0	1
45—55	2	1	0	0	1	0	0	0
55—65	1	1	0	0	3	0	0	0
65 and upwards	1	0	0	0	0	0	0	0
Totals	14	15	5	8	6	3	2	3

Rates per 1,000 Population of Notifications and Deaths.

Year.	Notifications (New Cases)	Deaths.
1940	0.78	0.53
1941	1.11	0.54
1942	0.99	0.58
1943	1.30	0.74
1944	1.12	0.66
1945	1.45	0.49

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

The Public Health Department have made every effort to safeguard the production of milk in a clean and wholesome condition, and it cannot be too strongly emphasised that some of the conditions which prevail in milk production will not be tolerated. The Public Health Department is determined to maintain and raise the standard of clean milk production, and I shall be glad if the farming Members of the Council would emphasize the importance of a high standard of cleanliness in all matters appertaining to milk production, i.e., amongst all workers, utensils, buildings, etc.

LICENCES HELD IN THE RURAL DISTRICT AREA UNDER THE MILK (SPECIAL DESIGNATION) ORDERS, 1936—1945.

Number of Tuberculin Tested Licences ...	227
Number of Accredited Licences	427
Number of Pasteurised Licences	3
Number of Dealers' Licences (Tuberculin Tested)	1

Milk Sampling.

Sampling of ungraded milk was carried out by your Inspectors whilst sampling of Tuberculin Tested and Accredited Milk was carried out by the County Council Officials.

(a) Number of Tuberculin Tested Milk samples sent for bacteriological examination—105.
Number Satisfactory—42. Number Unsatisfactory—63.

(b) Number of Accredited Milk samples sent for bacteriological examination—81.
Number Satisfactory—28. Number Unsatisfactory—53.

(c) Number of Ex-Designated (Licences having been revoked) Milk samples sent for bacteriological examination—16.
Number Satisfactory—5. Number Unsatisfacory—11.

Mr. D. R. Watkins, Chief Inspector of the County Council, reports as follows:—

"It will be noticed that the number of unsatisfactory samples is very high, but this is because most of the samples were taken from producers suspected of producing milk under conditions not in compliance with the terms of their licences and the Orders relating thereto. As Members of the County Council staff are now returning from the Services, routine sampling is being resumed. More frequent sampling and visits to farms should bring about the much desired improvement in the production of designated milk."

During the year the Sanitary Inspectors co-operated with the County War Agricultural Executive Committee in administering the Milk Testing and Advisory Scheme. The samples of milk taken were submitted to the Advisory Laboratory for analysis.

Number of Ungraded Milk Samples taken—295.
Number of Ungraded Milk Samples placed in category:—

A—Good Quality	... 157	
B—Doubtful Quality ...	... 55	
C—Poor Quality	... 83	
	—	(295)

The above samples were taken under the National Milk Testing and Advisory Scheme. In addition, the following samples were taken by the Sanitary Inspectors and submitted for analysis:—

Number of Pasteurised Milk samples taken—12.
Number Satisfactory—10. Number Unsatisfactory—2.
Samples taken of Tuberculin Tested Milk from Pibwrlwyd Farm Institute on behalf of the Welsh Board of Health—4.
Number Satisfactory—4.

FOOD AND DRUGS ACT, 1938.

Mr. D. R. Watkins, Chief Inspector, County Council, reports as follows on the work done under the above Act, in the area of the Carmarthen Rural District Council during the year:—

Milk.

Number of Official samples taken ...	104
Number of "Appeal to Cow" samples ...	17
Number certified to contain added water ...	15
Number certified deficient in fat ...	24

Legal proceedings were taken in respect of eleven of the samples, which contained added water, and fines and costs amounting to £108 5s. 0d. were imposed by the Justices.

The sellers of the other four samples reported to contain added water were cautioned, since the percentages were small and the " Appeal to Cow " samples taken from the herds were deficient in Solids-not-Fat.

Proceedings were also instituted in respect of two samples deficient in fat, and in these cases the fines and costs imposed amounted to £7. Cautions were considered adequate to dispose of the other samples deficient in fat.

It is interesting to note that of the Appeal to Cow samples taken, eleven were certified up to standard, but six were deficient in fat.

Miscellaneous Articles of Food.

Number of samples taken	17
Number genuine	16

The remaining one was a sample of baking powder which had been kept in stock for some time, and was 56 per cent. deficient in available Carbon Dioxide gas.

Spirits, etc.

Five samples of spirits and two cocktails were taken, all of which were found to be genuine.

Meat.

There is no change regarding the method adopted for meat inspection. Centralized slaughtering is carried out at the Carmarthen Borough Abattoir. The Sanitary Inspectors, in conjunction with the Borough of Carmarthen Sanitary Inspector, attend the Abattoir and carry out inspection of carcases slaughtered.

SANITARY INSPECTION OF THE AREA.

Each Sanitary Inspector works under the general direction of the Medical Officer of Health and, makes a report on his area each month direct to the Council.

Nature of Visit or Inspection.	Llangendeirne District.	Carmarthen District.	St. Clears District.	Total.
GENERAL SANITATION.				
Water Supplies	48	37	10	95
Drainage	76	29	20	125
Offensive Trades	8	2	21	31
Tents, Vans, Sheds	15	6	3	24
Factories	4	—	19	23
Workshops	—	2	—	2
Workplaces	—	—	—	—
Bakehouses	5	6	11	22
Public Conveniences	30	6	25	61
Refuse Collection	44	9	50	103
Refuse Disposal	61	37	40	138
Rats and Mice	12	10	12	34
Schools	16	2	7	25
Miscellaneous Sanitary Visits	133	34	22	189
HOUSING.				
Under Public Health Acts.				
Number of Houses inspected	30	17	90	137
Visits paid to above houses	56	17	101	174
Under Housing Acts.				
Number of houses inspected	39	24	26	89
Visits paid to above houses	53	24	29	106
Overcrowding.				
Number of houses inspected	5	5	5	15
Visits paid to above houses	5	5	9	19
Verminous Premises.				
Number of houses inspected	—	—	—	—
Visits paid to above houses	—	—	—	—
Miscellaneous Housing Visits		13	2	53
INFECTIOUS DISEASES.				
Inquiries in cases of Infectious Diseases	30	8	24	62
Miscellaneous Infectious Disease Visits	—	—	—	—
Number of rooms disinfected.....	30	5	19	54
Number of times Steam Disinfector used	4	1	—	5

Nature and Visit of Inspection.	Llangendeirne District.	Carmarthen District.	St. Clears District.	Total.
MEAT & FOOD INSPECTION				
Inspection of Meat and Meat Shops.				
No. of visits to Central Slaughterhouse in the Borough of Carmarthen	45	33	30	108
No. of visits to Shops and Stalls	18	12	21	51
No. of visits to butchers	6	3	58	67
Milk and Dairies Orders				
No. of producers in area	2500 in whole area			
No. of retail purveyors in area	260 in whole area			
No. of visits to cowsheds	191	90	83	364
No. of new cowsheds provided	3	3	4	10
No. of cowsheds reconditioned	31	37	15	83
NOTICES SERVED.				
Under the Housing Acts.				
No. of informal notices served	4	12	11	27
No. of informal notices complied with	4	4	8	16
No. of formal notices served	—	—	—	—
No. of formal notices complied with	—	—	—	—
Under the Public Health Acts.				
No. of informal notices served	4	10	9	23
No. of informal notices complied with	4	6	6	16
No. of formal notices served	—	—	—	—
No. of formal notices complied with	—	—	—	—
Under the Milk and Dairies Orders.				
No. of informal notices served	2	43	20	65
No. of informal notices complied with	2	37	19	58